

Appendix B: Methane Emissions for Years 1990-2010 for Developed Countries

Appendix B summarizes methane emissions for developed countries from 1990 through 2010 in the following exhibits:

- Exhibit B-1: Total Methane Emissions from Developed Countries (MMTCO₂)
- Exhibit B-2: Methane Emissions from Landfilling of Solid Waste 1990-2010 (MMTCO₂)
- Exhibit B-3: Methane Emissions from Coal Mining Activities 1990-2010 (MMTCO₂)
- Exhibit B-4: Methane Emissions from Combined Natural Gas/Oil Systems 1990-2010 (MMTCO₂)
- Exhibit B-5: Methane Emissions from Livestock Manure Management 1990-2010 (MMTCO₂)
- Exhibit B-6: Methane Emissions from Livestock Enteric Fermentation 1990-2010 (MMTCO₂)
- Exhibit B-7 Methane Emissions from Wastewater Treatment 1990-2010 (MMTCO₂)
- Exhibit B-8: Methane Emissions from Other Agricultural Sources 1990-2010 (MMTCO₂)
- Exhibit B-9: Methane Emissions from Other Non-Agricultural Sources 1990-2010 (MMTCO₂)

Exhibit B-1: Total Methane Emissions from Developed Countries (MMTCo₂)

Developed Country	Methane Emissions (MMTCo ₂)				
	1990	1995	2000	2005	2010
Australia	112	110	120	129	138
Austria	10	9	10	10	10
Belgium	12	12	12	12	11
Bulgaria	30	19	22	25	27
Canada	73	86	82	84	87
Croatia	4	3	3	3	3
Czech Republic	16	13	13	13	14
Denmark	6	6	6	6	6
Estonia	2	1	1	2	2
Finland	7	6	6	6	6
France	61	57	56	55	55
Germany	116	82	94	90	86
Greece	7	8	8	8	8
Hungary	15	16	16	16	16
Iceland	0	0	0	0	0
Ireland	13	13	14	14	15
Italy	39	39	42	43	44
Japan	32	31	34	33	33
Latvia	4	2	2	2	2
Liechtenstein	-	-	-	-	-
Lithuania	7	7	7	7	7
Luxembourg	1	0	0	0	0
Monaco	-	-	-	-	-
Netherlands	27	25	26	26	26
New Zealand	35	34	32	33	33
Norway	7	7	8	8	7
Poland	59	52	51	51	50
Portugal	13	13	13	13	13
Romania	42	31	34	37	42
Russia	537	497	517	542	559
Slovakia	8	6	6	7	7
Slovenia	4	4	4	4	4
Spain	34	38	35	36	36
Sweden	6	6	6	6	6
Switzerland	5	5	5	5	4
Ukraine	201	147	152	147	138
UK	77	61	52	48	44
US	645	651	642	646	651
EU-15	430	376	380	373	367
Other Western Europe	12	12	13	13	12
Russia	537	497	517	542	559
Other Eastern Europe	391	301	312	313	313
AUS/NZ	147	144	152	161	171
Japan	32	31	34	33	33
Canada	73	86	82	84	87
US	645	651	642	646	651
Total	2,267	2,098	2,131	2,165	2,192

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-2: Methane Emissions from Landfilling of Solid Waste 1990-2010 (MMTCO₂)

Developed Country	Methane from Landfilling of Waste (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	13.6	14.0	15.0	16.1	18.2
Austria	5.4	4.9	5.7	5.8	5.9
Belgium	3.6	3.9	3.7	3.8	3.9
Bulgaria	15.1	8.4	12.4	14.1	15.8
Canada	18.5	20.4	20.0	21.1	21.8
Croatia	0.5	0.5	0.5	0.5	0.5
Czech Republic	1.7	1.7	2.1	2.7	3.4
Denmark	1.3	1.3	1.2	1.2	1.3
Estonia	0.6	0.5	0.5	0.5	0.5
Finland	4.8	3.2	3.7	3.8	3.9
France	16.4	13.9	17.0	17.5	18.0
Germany	38.7	21.6	40.6	42.1	42.9
Greece	2.2	2.2	2.3	2.4	2.4
Hungary	-	1.4	1.4	1.4	1.4
Iceland	<0.05	<0.05	<0.05	<0.05	<0.05
Ireland	1.8	1.9	1.8	1.9	1.9
Italy	9.1	9.7	9.1	9.2	9.3
Japan	8.1	7.7	8.5	8.7	8.6
Latvia	0.4	0.5	1.1	1.1	1.1
Liechtenstein	-	-	-	-	-
Lithuania	3.4	3.4	3.4	3.4	3.4
Luxembourg	0.1	<0.05	0.1	0.1	0.1
Monaco	-	-	-	-	-
Netherlands	11.8	10.1	11.6	12.0	12.3
New Zealand	2.9	2.8	2.3	2.4	2.5
Norway	3.8	4.0	4.5	4.9	4.0
Poland	16.1	15.9	15.9	15.9	15.9
Portugal	5.6	5.9	5.7	5.8	5.8
Romania	4.4	4.4	4.5	4.7	4.8
Russia	37.8	37.8	37.8	37.8	37.8
Slovakia	1.1	1.1	1.2	1.4	1.6
Slovenia	1.0	1.0	1.0	1.0	1.0
Spain	8.7	12.0	8.5	8.6	8.7
Sweden	1.8	1.3	1.6	1.7	1.7
Switzerland	1.4	1.4	1.7	1.5	1.0
Ukraine	18.6	20.2	20.5	22.7	25.0
UK	23.5	19.2	14.0	10.3	7.5
US	217.0	223.0	209.0	203.0	202.0
EU-15	135	111	127	126	126
Other Western Europe	5	5	6	6	5
Russia	38	38	38	38	38
Other Eastern Europe	63	59	65	69	75
AUS/NZ	17	17	17	19	21
Japan	8	8	8	9	9
Canada	19	20	20	21	22
US	217	223	209	203	202
Total	501	481	490	492	496

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-3: Methane Emissions from Coal Mining Activities 1990-2010 (MMT CO_2)

Developed Country	Methane from Coal Mining Activities (MMT CO_2)				
	1990	1995	2000	2005	2010
Australia	15.9	16.7	19.7	22.6	28.6
Austria	<0.05	<0.05	<0.05	<0.05	<0.05
Belgium	<0.05	<0.05	<0.05	<0.05	<0.05
Bulgaria	1.6	1.4	1.2	1.2	1.2
Canada	1.9	1.7	1.4	1.3	1.3
Croatia	0.2	0.2	0.2	0.2	0.2
Czech Republic	7.6	5.8	5.0	4.7	3.8
Denmark	0.1	0.1	0.1	0.1	0.1
Estonia	-	-	-	-	-
Finland	<0.05	<0.05	<0.05	<0.05	<0.05
France	4.3	4.4	1.0	0.4	0.3
Germany	25.8	17.6	14.7	12.8	10.9
Greece	0.9	1.0	1.1	1.0	0.9
Hungary	3.5	2.2	2.2	2.2	2.2
Iceland	-	-	-	-	-
Ireland	<0.05	<0.05	<0.05	<0.05	<0.05
Italy	0.1	0.1	<0.05	<0.05	<0.05
Japan	2.2	1.9	1.9	2.0	2.1
Latvia	-	-	-	-	-
Liechtenstein	-	-	-	-	-
Lithuania	-	-	-	-	-
Luxembourg	-	-	-	-	-
Monaco	-	-	-	-	-
Netherlands	-	-	-	-	-
New Zealand	0.3	0.4	0.3	0.3	0.3
Norway	0.1	0.1	0.1	0.1	<0.05
Poland	16.8	15.6	14.8	14.1	13.4
Portugal	0.1	<0.05	0.1	0.1	0.1
Romania	4.4	5.5	6.3	6.5	6.5
Russia	53.2	38.2	31.9	31.3	30.5
Slovakia	0.7	0.5	-	0.5	0.5
Slovenia	1.0	1.0	1.0	1.0	1.0
Spain	2.3	1.9	1.7	1.7	1.4
Sweden	<0.05	NO	<0.05	<0.05	<0.05
Switzerland	-	-	-	-	-
Ukraine	55.4	30.1	28.1	26.1	24.1
UK	17.2	7.6	5.2	5.0	4.9
US	87.9	74.6	77.9	81.8	82.0
EU-15	51	33	24	21	19
Other Western Europe	0	0	0	0	<0.05
Russia	53	38	32	31	30
Other Eastern Europe	91	62	59	56	53
AUS/NZ	16	17	20	23	29
Japan	2	2	2	2	2
Canada	2	2	1	1	1
US	88	75	78	82	82
Total	303	229	216	217	216

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-4: Methane Emissions from Combined Natural Gas/Oil Systems 1990-2010 (MMTCO₂)

Developed Country	Methane from Combined Natural Gas/Oil Systems (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	6.9	6.9	8.2	9.5	12.0
Austria	0.1	0.1	0.1	0.1	0.1
Belgium	0.7	0.7	0.9	0.9	0.9
Bulgaria	3.7	3.2	2.5	2.5	2.7
Canada	26.2	35.1	28.9	26.3	25.9
Croatia	0.4	0.4	0.4	0.4	0.4
Czech Republic	0.7	0.8	0.7	0.8	0.9
Denmark	0.2	0.2	0.2	0.2	0.2
Estonia	-	-	-	-	-
Finland	<0.05	<0.05	<0.05	<0.05	<0.05
France	2.2	2.1	2.2	2.2	2.2
Germany	7.0	7.5	6.7	6.8	6.8
Greece	<0.05	<0.05	<0.05	<0.05	<0.05
Hungary	4.2	6.1	6.1	6.1	6.1
Iceland	-	-	-	-	-
Ireland	0.1	0.1	0.2	0.2	0.2
Italy	7.0	5.9	8.4	8.6	8.8
Japan	1.2	1.7	1.7	1.8	1.8
Latvia	1.1	0.5	<0.05	<0.05	<0.05
Liechtenstein	-	-	-	-	-
Lithuania	-	-	-	-	-
Luxembourg	<0.05	<0.05	<0.05	<0.05	<0.05
Monaco	-	-	-	-	-
Netherlands	3.8	3.7	3.8	3.8	3.8
New Zealand	0.3	0.3	0.4	0.4	0.4
Norway	0.3	0.5	0.4	0.4	0.3
Poland	4.1	3.9	3.2	2.5	1.8
Portugal	<0.05	<0.05	<0.05	<0.05	<0.05
Romania	19.4	12.3	13.4	14.9	19.2
Russia	338.0	338.0	361.0	376.0	391.0
Slovakia	1.8	1.8	2.2	2.4	2.6
Slovenia	0.1	0.1	0.1	0.1	0.1
Spain	1.0	1.5	1.6	1.8	2.0
Sweden	<0.05	<0.05	<0.05	<0.05	<0.05
Switzerland	0.3	0.3	0.3	0.3	0.2
Ukraine	71.8	55.2	60.3	50.0	39.5
UK	11.3	10.6	9.7	9.5	9.2
US	148.0	149.0	154.0	156.0	157.0
EU-15	33	32	34	34	34
Other Western Europe	1	1	1	1	1
Russia	338	338	361	376	391
Other Eastern Europe	107	84	89	80	73
AUS/NZ	7	7	9	10	12
Japan	1	2	2	2	2
Canada	26	35	29	26	26
US	148	149	154	156	157
Total	663	648	678	684	696

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-5: Methane Emissions from Livestock Manure Management 1990-2010 (MMTCO₂)

Developed Country	Methane from Livestock Manure Management (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	1.6	1.6	1.8	1.8	1.8
Austria	0.6	0.6	0.5	0.5	0.5
Belgium	2.7	2.7	2.7	2.6	2.5
Bulgaria	1.5	0.7	1.4	1.5	1.6
Canada	4.6	5.0	5.5	6.3	6.8
Croatia	0.5	0.4	0.4	0.5	0.5
Czech Republic	1.0	0.8	1.0	1.0	1.0
Denmark	0.9	0.9	0.9	0.9	0.9
Estonia	0.2	0.1	0.1	0.1	0.1
Finland	0.2	0.2	0.2	0.2	0.2
France	3.5	3.6	3.6	3.6	3.7
Germany	13.2	10.8	10.1	9.4	8.7
Greece	0.5	0.6	0.5	0.5	0.5
Hungary	0.9	-	-	-	-
Iceland	<0.05	<0.05	<0.05	<0.05	<0.05
Ireland	1.3	1.4	1.5	1.5	1.6
Italy	4.0	3.9	3.7	3.5	3.4
Japan	2.5	2.3	2.8	2.5	2.5
Latvia	0.3	0.1	0.1	0.1	0.1
Liechtenstein	-	-	-	-	-
Lithuania	0.5	0.4	0.4	0.4	0.4
Luxembourg	<0.05	<0.05	<0.05	<0.05	<0.05
Monaco	-	-	-	-	-
Netherlands	2.2	2.1	2.0	1.9	1.8
New Zealand	0.4	0.4	0.3	0.3	0.3
Norway	0.3	0.3	0.3	0.3	0.3
Poland	1.2	1.0	1.1	1.1	1.1
Portugal	3.5	3.2	3.1	3.0	2.9
Romania	1.6	1.3	1.4	1.5	1.6
Russia	10.3	7.8	8.1	9.2	9.5
Slovakia	0.4	0.3	0.3	0.3	0.3
Slovenia	0.1	0.1	0.1	0.1	0.1
Spain	7.0	7.8	8.2	8.6	9.0
Sweden	0.3	0.4	0.4	0.4	0.3
Switzerland	0.4	0.4	0.4	0.4	0.4
Ukraine	4.7	3.6	3.7	4.2	4.4
UK	2.3	2.3	2.2	2.1	2.0
US	26.4	31.0	34.5	36.2	38.5
EU-15	42	40	40	39	38
Other Western Europe	1	1	1	1	1
Russia	10	8	8	9	10
Other Eastern Europe	13	9	10	11	11
AUS/NZ	2	2	2	2	2
Japan	2	2	3	2	2
Canada	5	5	6	6	7
US	26	31	35	36	39
Total	102	98	107	107	109

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-6: Methane Emissions from Livestock Enteric Fermentation 1990-2010 (MMTCO₂)

Developed Country	Methane from Livestock Enteric Fermentation (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	64.4	60.4	64.3	67.2	65.3
Austria	3.2	2.8	2.8	2.7	2.6
Belgium	5.0	4.5	4.2	4.0	3.8
Bulgaria	3.8	1.7	2.5	2.8	2.9
Canada	16.0	18.1	20.2	22.7	24.9
Croatia	1.5	1.2	1.2	1.4	1.4
Czech Republic	3.3	2.1	2.5	2.5	2.5
Denmark	3.2	3.0	3.0	3.0	3.1
Estonia	1.2	0.6	0.7	0.8	0.8
Finland	1.7	1.5	1.4	1.4	1.3
France	30.0	28.5	27.9	27.3	26.7
Germany	26.2	21.4	19.7	18.1	16.4
Greece	2.9	3.0	2.8	2.7	2.5
Hungary	2.6	2.4	2.4	2.4	2.4
Iceland	0.2	0.2	0.2	0.2	0.2
Ireland	9.5	9.8	10.3	10.8	11.2
Italy	13.6	13.4	12.8	12.3	11.7
Japan	7.3	7.1	9.0	8.4	8.3
Latvia	2.1	0.8	1.1	1.1	1.1
Liechtenstein	-	-	-	-	-
Lithuania	3.3	3.0	3.0	3.0	3.0
Luxembourg	0.3	0.3	0.3	0.3	0.3
Monaco	-	-	-	-	-
Netherlands	8.4	7.9	7.6	7.4	7.1
New Zealand	31.0	29.8	28.4	28.7	28.8
Norway	1.8	1.9	1.9	1.9	1.9
Poland	16.7	11.9	12.3	14.0	14.5
Portugal	2.6	2.5	2.5	2.4	2.4
Romania	9.5	6.7	7.0	7.9	8.8
Russia	92.6	70.3	72.9	82.7	85.9
Slovakia	2.4	1.5	1.4	1.4	1.4
Slovenia	0.8	0.8	0.8	0.8	0.8
Spain	12.4	12.1	12.3	12.6	12.9
Sweden	3.1	3.8	3.7	3.6	3.6
Switzerland	2.7	2.7	2.7	2.7	2.6
Ukraine	42.3	32.1	33.3	37.8	39.3
UK	19.2	18.9	18.6	18.4	18.1
US	130.0	136.0	129.0	130.0	132.0
EU-15	141	133	130	127	124
Other Western Europe	5	5	5	5	5
Russia	93	70	73	83	86
Other Eastern Europe	90	65	68	76	79
AUS/NZ	95	90	93	96	94
Japan	7	7	9	8	8
Canada	16	18	20	23	25
US	130	136	129	130	132
Total	576	525	527	547	552

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-7: Methane Emissions from Wastewater Treatment 1990-2010 (MMTCO₂)

Developed Country	Methane from Wastewater (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	1.2	1.3	1.4	1.5	1.7
Austria	0.3	0.3	0.3	0.3	0.3
Belgium	<0.05	0.1	<0.05	<0.05	<0.05
Bulgaria	3.5	3.0	2.3	2.3	2.3
Canada	0.4	0.4	0.4	0.4	0.4
Croatia	0.1	0.1	0.1	0.1	0.1
Czech Republic	0.5	0.4	0.5	0.6	0.8
Denmark	<0.05	<0.05	<0.05	<0.05	<0.05
Estonia	0.3	0.1	0.1	0.1	0.1
Finland	0.2	0.2	0.2	0.2	0.2
France	0.3	0.3	0.3	0.3	0.3
Germany	1.1	0.9	0.7	0.6	0.4
Greece	0.1	0.1	0.1	0.1	0.1
Hungary	3.9	3.9	3.9	3.8	3.8
Iceland	-	-	-	-	-
Ireland	<0.05	<0.05	<0.05	<0.05	<0.05
Italy	2.4	2.6	3.1	3.1	3.1
Japan	0.1	0.1	0.1	0.1	0.1
Latvia	-	-	-	-	-
Liechtenstein	-	-	-	-	-
Lithuania	0.1	0.1	0.1	0.1	0.1
Luxembourg	<0.05	<0.05	<0.05	<0.05	<0.05
Monaco	<0.05	<0.05	<0.05	<0.05	<0.05
Netherlands	0.1	<0.05	<0.05	<0.05	<0.05
New Zealand	0.1	0.1	0.1	0.2	0.2
Norway	<0.05	<0.05	<0.05	<0.05	<0.05
Poland	2.9	1.9	1.9	1.9	1.9
Portugal	0.9	1.1	1.1	1.1	1.1
Romania	0.4	0.4	0.4	0.4	0.4
Russia	2.9	2.9	2.9	2.9	2.9
Slovakia	0.8	0.6	0.6	0.6	0.6
Slovenia	0.5	0.5	0.5	0.5	0.5
Spain	0.9	1.1	1.1	1.1	1.1
Sweden	<0.05	-	-	-	-
Switzerland	<0.05	<0.05	<0.05	<0.05	<0.05
Ukraine	1.0	1.0	1.0	1.0	1.1
UK	0.7	0.7	0.7	0.7	0.7
US	11.2	11.8	12.4	12.9	13.5
EU-15	7	7	8	7	7
Other Western Europe	<0.05	<0.05	<0.05	<0.05	<0.05
Russia	3	3	3	3	3
Other Eastern Europe	14	12	11	12	12
AUS/NZ	1	1	2	2	2
Japan	0	0	0	0	0
Canada	0	0	0	0	0
US	11	12	12	13	13
Total	37	36	36	37	38

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-8: Methane Emissions from Other Agricultural Sources 1990-2010 (MMTCO₂)

Developed Country	Methane from Other Agricultural Sources (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	5.8	6.6	6.9	7.1	7.0
Austria	<0.05	<0.05	<0.05	<0.05	<0.05
Belgium	<0.05	<0.05	<0.05	<0.05	<0.05
Bulgaria	0.1	<0.05	<0.05	0.1	0.1
Canada	-	-	-	-	-
Croatia	-	-	-	-	-
Czech Republic	<0.05	<0.05	<0.05	<0.05	<0.05
Denmark	<0.05	<0.05	<0.05	<0.05	<0.05
Estonia	-	-	-	-	-
Finland	<0.05	<0.05	<0.05	<0.05	<0.05
France	0.2	0.2	0.3	0.3	0.4
Germany	<0.05	<0.05	<0.05	<0.05	<0.05
Greece	0.2	0.3	0.4	0.5	0.7
Hungary	0.1	-	-	-	-
Iceland	-	-	-	-	-
Ireland	<0.05	<0.05	<0.05	<0.05	<0.05
Italy	1.6	1.7	1.9	2.1	2.4
Japan	7.9	8.1	7.3	6.8	6.8
Latvia	-	-	-	-	-
Liechtenstein	-	-	-	-	-
Lithuania	-	-	-	-	-
Luxembourg	<0.05	<0.05	<0.05	<0.05	<0.05
Monaco	-	-	-	-	-
Netherlands	<0.05	<0.05	<0.05	<0.05	<0.05
New Zealand	<0.05	-	-	-	-
Norway	-	-	-	-	-
Poland	<0.05	<0.05	<0.05	<0.05	<0.05
Portugal	0.3	0.2	0.1	0.1	0.1
Romania	0.6	-	-	-	-
Russia	2.1	2.1	2.1	2.1	2.1
Slovakia	-	-	-	-	-
Slovenia	<0.05	<0.05	<0.05	<0.05	<0.05
Spain	0.3	0.2	0.1	0.1	<0.05
Sweden	<0.05	<0.05	<0.05	<0.05	<0.05
Switzerland	-	-	-	-	-
Ukraine	0.3	0.2	0.3	0.3	0.3
UK	0.3	<0.05	<0.05	<0.05	<0.05
US	9.2	10.0	11.5	10.5	10.3
EU-15	3	3	3	3	4
Other Western Europe	-	-	-	-	-
Russia	2	2	2	2	2
Other Eastern Europe	1	0	0	0	0
AUS/NZ	6	7	7	7	7
Japan	8	8	7	7	7
Canada	-	-	-	-	-
US	9	10	12	11	10
Total	29	30	31	30	30

Note: Dashes indicate that emissions for the respective country were not analyzed.

Exhibit B-9: Methane Emissions from Other Non-Agricultural Sources 1990-2010 (MMTCO₂)

Developed Country	Methane from Other Non-Agricultural Sources (MMTCO ₂)				
	1990	1995	2000	2005	2010
Australia	2.4	2.5	2.5	2.9	3.3
Austria	0.4	0.4	0.3	0.3	0.2
Belgium	0.3	0.2	0.2	0.2	0.2
Bulgaria	0.2	0.2	0.1	0.1	0.2
Canada	5.4	5.8	5.8	5.8	5.8
Croatia	0.3	0.3	0.3	0.3	0.3
Czech Republic	1.5	0.9	1.0	1.1	1.2
Denmark	0.2	0.3	0.4	0.5	0.6
Estonia	0.1	<0.05	<0.05	<0.05	<0.05
Finland	0.4	0.5	0.5	0.6	0.6
France	3.7	3.8	3.8	3.9	4.0
Germany	4.5	2.3	1.2	0.6	0.3
Greece	0.3	0.3	0.3	0.4	0.4
Hungary	0.1	0.2	0.2	0.2	0.2
Iceland	-	-	-	-	-
Ireland	0.1	0.1	0.1	<0.05	<0.05
Italy	1.5	2.1	2.8	3.7	5.0
Japan	2.9	2.1	2.2	2.3	2.4
Latvia	0.1	0.1	<0.05	<0.05	<0.05
Liechtenstein	-	-	-	-	-
Lithuania	0.1	0.1	0.1	0.1	0.1
Luxembourg	<0.05	<0.05	<0.05	<0.05	<0.05
Monaco	<0.05	<0.05	<0.05	<0.05	<0.05
Netherlands	0.8	0.8	0.9	0.9	1.0
New Zealand	0.2	0.2	0.2	0.2	0.2
Norway	0.3	0.3	0.3	0.3	0.3
Poland	1.1	1.4	1.5	1.7	1.8
Portugal	0.5	0.5	0.4	0.4	0.3
Romania	1.2	0.6	0.7	0.8	0.9
Russia	-	-	-	-	-
Slovakia	0.4	0.2	0.2	0.2	0.2
Slovenia	0.1	0.1	0.1	0.1	0.1
Spain	1.6	1.4	1.3	1.2	1.1
Sweden	0.8	0.8	0.8	0.8	0.7
Switzerland	0.1	0.1	0.1	0.1	0.1
Ukraine	6.4	4.6	5.0	4.5	4.6
UK	2.5	1.9	1.9	1.9	1.9
US	14.7	15.3	14.2	15.1	15.8
EU-15	18	15	15	15	16
Other Western Europe	0	0	0	0	0
Russia	-	-	-	-	-
Other Eastern Europe	12	9	9	9	10
AUS/NZ	3	3	3	3	4
Japan	3	2	2	2	2
Canada	5	6	6	6	6
US	15	15	14	15	16
Total	55	51	50	51	54

Note: Other non-agriculture includes: fossil fuel combustion, industrial processes, biomass fuel combustion. Dashes indicate that emissions for the respective country were not analyzed.